

GOULD INC.

GRAPHICS DIVISION

3631 PERKINS AVENUE
CLEVELAND, OHIO 44114

ANOTHER **Datamation** READER INQUIRY
C T NELSON SYS CONS
BOX 3
SCHOOLLEYS MOUNTAIN ADV
NJ 07870

**Announcing the next generation
of high-speed printers**

80 lines per second!

**Gould's new
hardcopy electrostatic printer
zipped out the facing page
in 1.8 seconds flat.
That's up to seven times
faster than most printers
on the market.**

Eighty lines per second . . . 412,000 characters per minute . . . 4800 lines per minute. No matter how you figure print-out speed, dollar for dollar Gould 4800 is far and away the fastest and most economical. It's four to seven times faster than most line printers . . . ten to twenty times faster than usual photographic hard-copy techniques. No other print-out system is even in the same ball park.

Words. And pictures.

Gould 4800 handles both alphanumerics and graphics. Simultaneously. It will reproduce words, numbers, drawings, charts and graphs. Paper is an easy-to-file 8½" wide and page height is infinitely variable up to the full 300' length of the paper supply roll!

More of the fonts you want.

Gould 4800 generates a wide variety of fonts from the smallest

matrix on up. In an equally wide variety of weights, sizes and styles.

Archival quality.

Gould 4800 uses a special, high-contrast paper. The electrostatic print-out won't smear. And the paper won't curl, yellow or get brittle in storage. You can write on it with ball point pen, pencil, felt-tip or whatever.

The sound of silence.

Gould 4800 is an electrostatic printer. So it is quiet. (Think about that next time you're trying to make yourself heard above a chorus of impact-line printers.) And no impact means less wear and tear on the printer, less maintenance and downtime.

Beyond the computer.

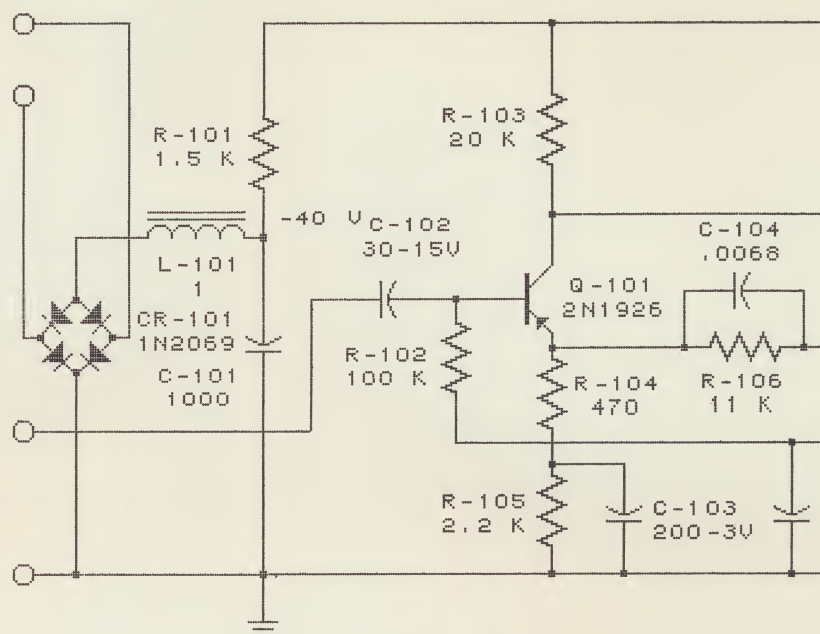
Gould 4800 has uses beyond the computer. In communications it can replace banks of teletypes and prints out data transmitted by telemetry, radio microwave and/or land lines. And it prints out graphic displays from CRT's using a TV raster display memory. The Gould 4800 whips out full pages of alphanumerics and graphics as fast as signal sources can feed it. You may have other application ideas. Let's kick them around.

A word from the sponsor.

Gould 4800 is based on proprietary equipment and proprietary paper. There is nothing else quite like it. It's faster, more versatile, quieter and more dependable. Yet, the Gould 4800 printer's low price will surprise you. Let's talk soon. Gould Inc., Graphics Div., 3631 Perkins, Cleveland, Ohio 44114.

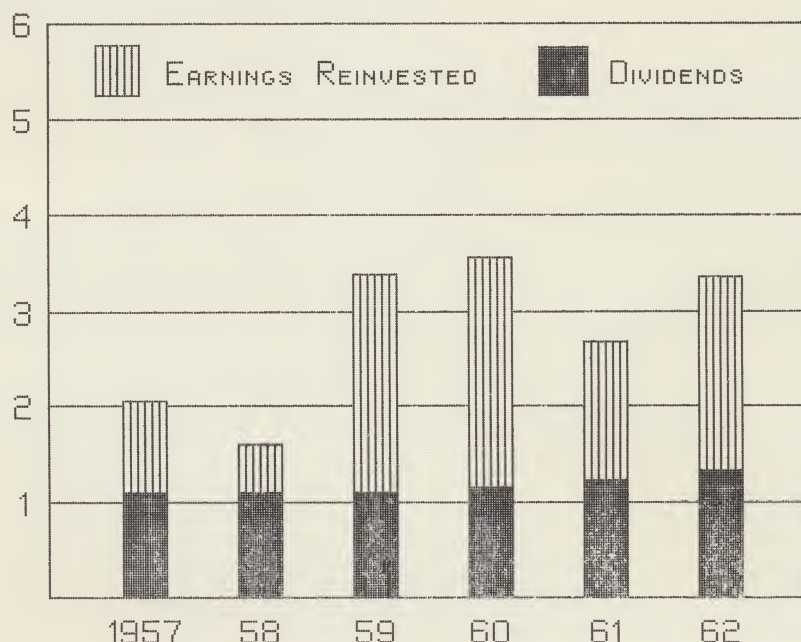


**Gould 4800.
The next generation
of high-speed printers.**



**GOULD
4800**

ABCDEFGHIJ
KLMNOPQRST
UVWXYZ
1234567890



ABCDEFGHIJKLMNØPQRS
TUVWXYZ 1234567890
.,:;%()[+~*/?=><\$#^""x

THESE CHARACTERS ARE NOMINALLY 10 UNITS HIGH BY 7 UNITS WIDE. SOME CHARACTERS ARE 1 UNIT WIDE AND ØTHERS ARE 9 UNITS WIDE.

abcdefghijklmnopqrstuvmwxyz
1234567890
.,:;%()[+~*/?=><\$#^""x

THESE CHARACTERS ARE NOMINALLY 10 UNITS HIGH BY 6 UNITS WIDE. THE HEIGHTS VARY FROM 6 TO 14 UNITS. THE WIDTHS VARY FROM 1 TO 9 UNITS.

ABCDEFGHIJKLMNØPQRSTUVMWXY
1234567890
.,:;%()[+~*/?=><\$#^""x

THESE CHARACTERS ARE NOMINALLY 6 UNITS HIGH BY 5 UNITS WIDE. THE WIDTHS VARY FROM 1 TO 7 UNITS.

GOULD 4800

INPUT	Serial or parallel digital data from computers, magnetic tape, punched card readers, raster-type CRT display memories, disc or drum memories, communication lines.	
OUTPUT	Generates hard copy with graphic capability including multiple fonts, upper and lower case letters, numerals, charts, graphs, schematics, line drawings and patterns.	
WRITING METHOD	Electrostatic; non-impact, non-optical. Any or all 600 charging styli across the page may be addressed in less than 1 millisecond and caused to write. The paper is advanced as desired, fluid toned and emerges dry.	
SPEED	A typical visual display page is delivered complete in less than 1 second; a 500,000 element 8.5 x 11 inch page in less than 2 seconds.	
ALPHA-NUMERICS	4800 lines/minute or up to 412,000 characters/minute (60 pages of 6880 characters each, where each page consists of 80 lines of 86 characters in 5x7 dot matrix form).	
GRAPHICS	Only limited by the 500,000 dot locations which may be printed on a typical 8.5 x 11 inch page.	
PAPER	Treated paper and printout is neither heat nor light sensitive. Cost is less than \$.05 per sheet. Supplied in 8.5 inch wide by 300 ft. long rolls.	
MAINTENANCE	Negligible except for toner and paper replenishment. The only moving parts are for paper motion & toner circulation. All solid state design using reliable integrated circuits.	
WEIGHT	Approximately 175 lb.	
POWER	117 Volts $\pm 5\%$, 57 to 63 Hz., 5 Amps. Approx. 60 watts standby.	
NOISE	Suitable for quiet office environment.	

GOULD INC.

This page printed in 1.8 seconds flat



This is the fastest printer around.

It also produces both alphanumerics and graphics.

**And printout is 132 columns
wide on an 11 x 8-1/2 format!**

The practical continuous speed of the standard line printer is 600 lines per minute. But the new Gould 4800-II will deliver 4800 lines per minute. And it'll produce both alphanumerics and graphics — simultaneously — directly from any source of digital input as data transmission by telemetry, radio microwave, and/or land line.

There's a new character generator, too. With an ultimate capability of three 128 character fonts with dot matrices up to 15 x 15.* And because it has a 132 character buffer, you don't have to burden your computer's memory banks. The input control lines are built-in, too. Which makes it comparatively simple to interface the 4800 with almost any computer you have in mind.

The 4800 provides programmed control for a

variety of output forms . . . line and letter spacing, paragraphing, columns and so forth. Plus a convenient capability to translate bit mode input into generalized graphics.

But speed and versatility are just part of our story. Because it's electrostatic, the 4800 is infinitely quieter than line printers. Because it has fewer moving parts, it's more reliable. And because it's a lot simpler, it's priced well below printers that can't come close to the performance.

So there you have it: the Gould 4800 electrostatic hardcopy printer. Isn't it time we talked? Graphics Division, Gould Inc., 3631 Perkins Avenue, Cleveland, Ohio 44114.

*Supplied standard with unit:
One 64 character font with
5 x 7 dot matrix.

GOULD CLEVITE

The Gould 4800. The next generation of high-speed printers.



Attached is some additional information on the Clevite 4800 high speed printer. Thank you for your interest.

If you require additional information, call us at 216-361-3315. To enable us to keep you posted on future product developments and application data, please complete and return the attached card — even if your interest is for general reference only.

CLEVITE

To keep current on future developments within our industry, please fill out this card. Thank you.

1. My inquiry was for:

- ☐ General reference only
☐ A specific application

2. Description of application _____

3. My company is primarily:

- ☐ OEM, mainframes
☐ OEM, Peripheral
☐ OEM, communications equipment

4. We will order:

- ☐ 6 months
☐ 18 months
☐ 24 months

5. ☐ I would like:

6. Type of equipment interfaced:

End user ☐

Time share ☐

Name _____ Title _____

Company _____ Phone _____

Address _____

City _____ State _____



**From CRT display
to hardcopy printout.
In seconds!**

A plotter takes 30 minutes. A dry-silver photographic process makes muddy copies.

But at Adage, Inc. the Gould 4800 Electrostatic Printer puts out clean hard copy in seconds. No wait.

No wonder the 4800 is now a catalogued item for Adage Inc.'s award-winning Graphics Terminal.

The Graphics Terminal is a CRT display computer system with infinite potential for interactive graphics applications in science and engineering. To name a few, cockpit design, mathematical equations and printed circuit cards.

Having the 4800 Electrostatic Printer on line the user can alter his design equation with a light pen and have clean hard copy of any stage within seconds.

Adage officials say their system is further enhanced by the economy of the 4800. It doubles as a printer by putting out both alphanumerics and graphics. It has fewer moving parts to maintain than conventional equipment. And Adage interfaced the

4800 in a matter of days . . . at surprisingly low cost.

More 4800 facts:

At 412,000 characters per minute, the Gould 4800 breaks the old printout bottleneck on your computer. It reproduces signals from any source of digital input or data transmission by telemetry, radio microwave and/or land line, quickly, quietly, accurately and economically.

4800 can probably recap the same benefits for your system as it does for Adage's Graphics Terminal. Write us to see. Don't wait. Graphics Division, Gould Inc., 3631 Perkins Avenue, Cleveland, Ohio 44114.

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